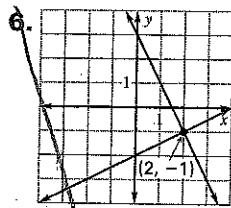
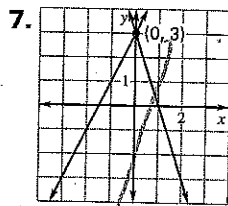


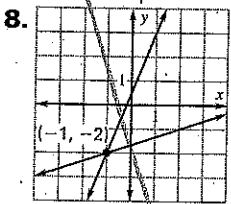
Lesson 3.1, continued



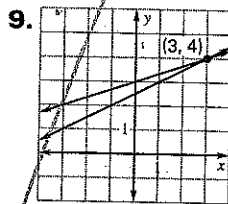
(2, -1)



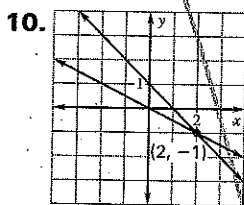
(0, 3)



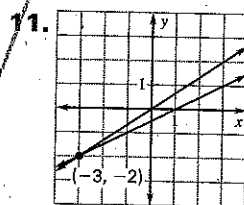
(-1, -2)



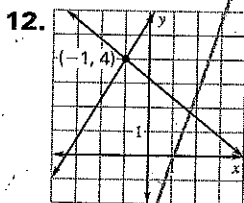
(3, 4)



(2, -1)



(-3, -2)



(-1, 4)

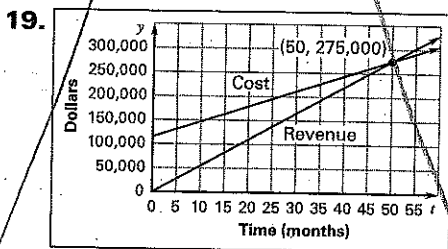
(-1, 4)

13. infinitely many solutions; consistent and dependent 14. (2, 6); consistent and independent

15. (1, 4); consistent and independent

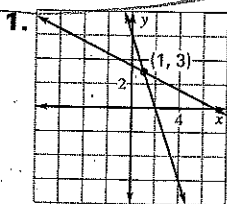
16. 60 tickets at \$36; 140 tickets at \$28

17. $R = 5500t$ 18. $C = 3200t + 115,000$

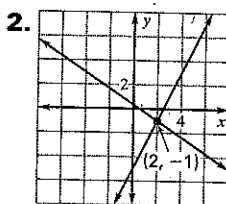


20. 50

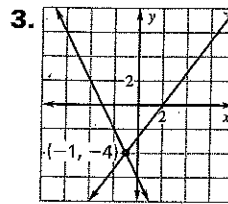
Practice Level C



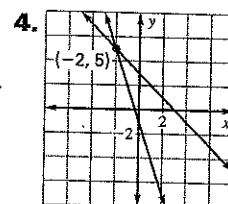
(1, 3)



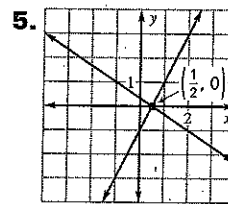
(2, -1)



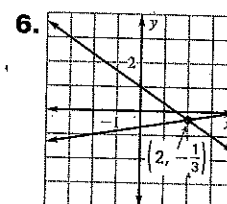
(-1, -4)



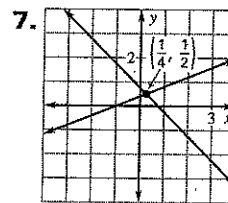
(-2, 5)



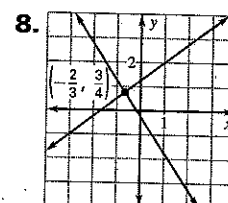
$(\frac{1}{2}, 0)$



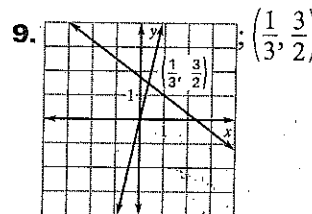
$(2, -\frac{1}{3})$



$(\frac{1}{4}, \frac{1}{2})$



$(-\frac{2}{3}, \frac{3}{4})$



$(\frac{1}{3}, \frac{3}{2})$

10. (3, 1); consistent and independent

11. (-2, -1); consistent and independent

12. (1, -4); consistent and independent

13. $(-\frac{5}{2}, 3)$; consistent and independent

14. $(\frac{4}{5}, -\frac{13}{5})$; consistent and independent

15. no solution; inconsistent 16. infinitely many solutions; consistent and dependent

17. $(-\frac{2}{5}, \frac{8}{5})$; consistent and independent

18. $(-\frac{16}{5}, \frac{7}{5})$; consistent and independent

19. Sample answer:

$$x + y = 2$$

$$x + y = 5$$

20. Sample answer:

$$x + y = 2$$

$$2x + 2y = 4$$

21. Sample answer:

$$x + y = 2$$

$$2x + y = 5$$

22. $x + y = 20$

$$4x + 6y = 100$$